

### 8-Pin Threaded M12/Euro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 75 V ac/dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC-806	5.60 mm		<p><b>Female</b></p> <p>1 = White    5 = Gray                  2 = Brown   6 = Pink                  3 = Green    7 = Blue                  4 = Yellow   8 = Shield</p>	<ul style="list-style-type: none"> <li>• LT3</li> <li>• LG5</li> <li>• LG10</li> </ul>
	4.58 m	MQDC-815				
	9.14 m	MQDC-830				

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Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MAQDC-806	5.60 mm		<p><b>Female</b></p> <p>1 = White    5 = Gray                  2 = Brown   6 = Pink                  3 = Green    7 = Blue                  4 = Yellow   8 = Red</p>	<ul style="list-style-type: none"> <li>• EZ-ARRAY Emitters/Receivers</li> </ul>
	4.58 m	MAQDC-815				
	9.14 m	MAQDC-830				
	15.2 m	MAQDC-850				

### 8-Pin Threaded M12/Euro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 60 V ac/75 V dc, 2.0 A  
**Temperature:** -40° to +80° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQLH-806-F	6.00 mm		<p><b>Female</b></p> <p>1 = White    5 = Gray                  2 = Brown   6 = Green                  3 = Shield   7 = Blue                  4 = Yellow   8 = Shield</p>	<ul style="list-style-type: none"> <li>• LH</li> </ul>
	4.58 m	MQLH-815-F				
	9.14 m	MQLH-830-F				

### 8-Pin Threaded M12/Euro-Style Cordsets with Open-Shield

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Conductors: 24 AWG (shielded), gold-plated contacts  
 Voltage/Current Rating: 75 V ac/dc, 2.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC2S-806	5.60 mm		<p><b>Female</b></p> <p>1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red</p>	<ul style="list-style-type: none"> <li>• QC50</li> <li>• QCX50</li> <li>• EZ-LIGHT</li> <li>• iVu TG—Integrated Touch Screen models</li> <li>• E-Stops w/Q8 suffix</li> </ul>
	4.57 m	MQDC2S-815				
	9.14 m	MQDC2S-830				
	15.2 m	MQDC2S-850				
Right-Angle	1.83 m	MQDC2S-806RA	5.60 mm		<p>1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red</p>	
	4.57 m	MQDC2S-815RA				
	9.14 m	MQDC2S-830RA				
	15.2 m	MQDC2S-850RA				

### 8-Pin Threaded M12/Euro-Style Cordsets

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Conductors: 22 AWG, gold-plated contacts  
 Voltage/Current Rating: 75 V ac/dc, 2.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.57 m	QDE-815D	6.00 mm		<p><b>Female</b></p> <p>1 = Brown 5 = Black 2 = Or/Bl 6 = Blue 3 = Orange 7 = Gn/Ye 4 = White 8 = Violet</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN w/8-pin QD (14 &amp; 30 mm Resolution)</li> <li>• EZ-SCREEN LP w/8-pin QD (14 &amp; 25 mm Resolution)</li> <li>• EZ-SCREEN w/8-pin QD (Point &amp; Grid)</li> <li>• EZ-SCREEN Type 2</li> </ul>
	7.62 m	QDE-825D				
	15.3 m	QDE-850D				
	22.9 m	QDE-875D				
	30.5 m	QDE-8100D				

### 8-Pin Threaded M12/Euro-Style Cordsets

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Conductors: 22 AWG, gold-plated contacts  
 Voltage/Current Rating: 60 V ac/75 V dc, 2.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.57 m	QDE2R4-815D	5.50 mm		<p><b>Male</b></p> <p>1 = Brown 5 = Blue 2 = Not Used 6 = Not Used 3 = Not Used 7 = Not Used 4 = Black 8 = White</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN Receiver (Cascade) CSSI QD (14 &amp; 30 mm)</li> <li>• EZ-SCREEN LP Receiver (Cascade) CSSI QD and a DELPEF-810 (14 &amp; 25 mm)</li> </ul> <p>NOTE: For connection of E-Stop or other hard/relay contacts.</p>
	7.62 m	QDE2R4-825D				
	15.2 m	QDE2R4-850D				

\* Standard cordsets are yellow PVC with black overmold. For black PVC and overmold, add suffix **B** to model number (example, DEE2R-815DB)

## 8-Pin Threaded M12/Euro-Style Cordsets with Shield – Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 60 V ac/75 V dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Male Straight/ Female Straight	1.83 m	<b>MQLH-806-MF</b>	6.00 mm		<p>Female</p> <p>Male</p> <p>1 = White    5 = Gray                  2 = Brown   6 = Green                  3 = Shield   7 = Blue                  4 = Yellow   8 = Shield</p>	• LH
	4.57 m	<b>MQLH-815-MF</b>				
	9.14 m	<b>MQLH-830-MF</b>				
Male Straight/ Male Straight	0.30 m	<b>MQLH-801-MM</b>	6.00 mm			

## 8-Pin Threaded M12/Euro-Style Cordsets – Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60 V ac/75 V dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP68

Style	Length	Model*			Cable Diameter	Dimensions (mm)	Pinout	Used With
		8-pin/ 8-pin	8-pin/ 4-pin**	8-pin/ 5-pin**				
Female Straight/ Male Straight	0.31 m	<b>DEE2R-81D</b>	<b>DEE8-41D</b>	<b>DEE8-51D</b>	6.00 mm		<p>8-Pin Female to 5-Pin Male</p> <p>1 ↔ 1                  2 ↔ 2                  3 ↔ 3                  4 ↔ 2                  5 ↔ 4                  6 ↔ 3                  7 ↔ 5†                  8 ↔ 8</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN w/8-pin QD (14 &amp; 30 mm Resolution)</li> <li>• EZ-SCREEN LP w/8-pin QD (14 &amp; 25 mm Resolution)</li> <li>• EZ-SCREEN w/8-pin QD (Point &amp; Grid)</li> <li>• EZ-SCREEN Type 2 (DEE2R only)</li> <li>• AC Interface Boxes (DEE2R only)</li> <li>• E-Stops 8-pin QD w/Q8 suffix</li> </ul>
	0.91 m	<b>DEE2R-83D</b>	—	—				
	2.44 m	<b>DEE2R-88D</b>	<b>DEE8-48D</b>	<b>DEE8-58D</b>				
	4.57 m	<b>DEE2R-815D</b>	<b>DEE8-415D</b>	<b>DEE8-515D</b>				
	7.62 m	<b>DEE2R-825D</b>	<b>DEE8-425D</b>	<b>DEE8-525D</b>				
	15.2 m	<b>DEE2R-850D</b>	—	—				
	22.9 m	<b>DEE2R-875D</b>	—	—				
	30.5 m	<b>DEE2R-8100D</b>	—	—				

\* Standard cordsets are yellow PVC with black overmold. For black PVC and overmold, add suffix **B** to model number (example, **DEE2R-81DB**)

\*\* For connection to safety BUS gateway/node, a "smart" self-monitored safety module, safety controller or safety PLC.

† DEE8-4..D do not have the pin 5 GND/chassis connection. GND/chassis connection should be made via the mounting hardware.

## 8-Pin Threaded M12/Euro-Style Splitter Cordsets—Flat Junction

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60 V ac/75 V dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP68  
**Wiring:** Parallel wired Y-cord

Connections					
Model	Branches (Female)	Trunk (Male)	Cable Diameter	Pinout	Used With
CSB-M1280M1280	No branches	No trunk	6.00 mm	<p>Female</p> <p>Male</p> <p>1 = Brown    5 = Black                  2 = Or/Bk    6 = Blue                  3 = Orange   7 = Gn/Ye                  4 = White    8 = Violet</p>	<ul style="list-style-type: none"> <li>• EZ-ARRAY</li> <li>• EZ-LIGHT Indicator Lights</li> <li>• EZ-SCREEN w/8-pin QD (14 &amp; 30 mm Resolution)</li> <li>• EZ-SCREEN LP w/8-pin QD (14 &amp; 25 mm Resolution)</li> <li>• EZ-SCREEN w/8-pin QD (Point &amp; Grid)</li> <li>• EZ-SCREEN Type 2</li> <li>• AC Interface Boxes</li> </ul>
CSB-M1281M1281	2 x 0.3 m	0.3 m			
CSB-M1288M1281		2.5 m			
CSB-M12815M1281		4.6 m			
CSB-M12825M1281		7.6 m			
CSB-UNT825M1281*		7.6 m Untermated			
Dimensions (mm)					

\* Standard cordsets are yellow PVC with black overmold. For black PVC and overmold, add suffix **B** to model number (example, **CSB-M1280M1280B**).

## 8-Pin Threaded M12/Euro-Style to USB Cordsets—Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut on Euro QD end  
**Conductors:** 28 AWG or 24 AWG, gold-plated contacts  
**Voltage Rating:** 60 V ac/75 V dc  
**Temperature:** -40° to +90° C

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight Euro QD/USB	0.15 m	MQDEC-8005-USB	4.80 mm		<p>USB</p> <p>Male</p>	<ul style="list-style-type: none"> <li>• iVu TG &amp; BCR—Integrated Touch Screen models</li> </ul>
	0.30 m	MQDEC-801-USB				
	0.90 m	MQDEC-803-USB				
	3.00 m	MQDEC-810-USB				
Right-Angle Euro QD/USB	0.15 m	MQDEC-8005RA-USB	4.80 mm		<p>USB</p> <p>Male</p>	<ul style="list-style-type: none"> <li>• iVu TG &amp; BCR—Integrated Touch Screen models</li> </ul>
	0.30 m	MQDEC-801RA-USB				
	0.90 m	MQDEC-803RA-USB				
	3.00 m	MQDEC-810RA-USB				

### 8-Pin Threaded M12/Euro-Style to Molex Cordsets – Double Ended

Cable: Euro: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Molex: Nylon (polyamide)/PUR (polyurethane)  
 Conductors: 24 AWG, gold-plated contacts  
 Voltage Rating: 30 V ac/dc 2.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight Euro QD/ Molex	0.91 m	IVURD-MX-803	6.10 mm		<p><b>Molex</b></p> <p><b>Male</b></p> <p>1 = Orange 5 = Green                  2 = Brown 6 = Blue                  3 = Wh/Bn 7 = Wh/Or                  4 = Wh/Bl 8 = Wh/Gn</p>	• iVu RD35 remote display
	1.83 m	IVURD-MX-806				
	4.57 m	IVURD-MX-815				
	9.14 m	IVURD-MX-830				
	15.2 m	IVURD-MX-850				
Right-Angle Euro QD/ Molex	0.91 m	IVURD-MX-803RA	6.10 mm		<p><b>Molex</b></p> <p><b>Male</b></p> <p>1 = Orange 5 = Green                  2 = Brown 6 = Blue                  3 = Wh/Bn 7 = Wh/Or                  4 = Wh/Bl 8 = Wh/Gn</p>	• iVu RD35 remote display
	1.83 m	IVURD-MX-806RA				
	4.57 m	IVURD-MX-815RA				
	9.14 m	IVURD-MX-830RA				
	15.2 m	IVURD-MX-850RA				

### 8-Pin Threaded M12/Euro-Style – Double Ended

Cable: Euro: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Molex: Nylon (polyamide)/PUR (polyurethane)  
 Conductors: 24 AWG, gold-plated contacts  
 Voltage Rating: 30 V ac/dc 2.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight Euro QD/ Molex	0.91 m	IVURDM-QD-803	6.10 mm		<p><b>Female</b></p> <p>1 = Wh/Or 5 = Wh/Bl                  2 = Green 6 = Blue                  3 = Wh/Bn 7 = Wh/Gn                  4 = Orange 8 = Brown</p>	• iVu RDM35 remote display
	1.83 m	IVURDM-QD-806				
	4.57 m	IVURDM-QD-815				
	9.14 m	IVURDM-QD-830				
	15.2 m	IVURDM-QD-850				
Right-Angle Euro QD/ Molex	0.91 m	IVURDM-QD-803RA	6.10 mm		<p><b>Male</b></p> <p>1 = Orange 5 = Green                  2 = Brown 6 = Blue                  3 = Wh/Bn 7 = Wh/Or                  4 = Wh/Bl 8 = Wh/Gn</p>	• iVu RDM35 remote display
	1.83 m	IVURDM-QD-806RA				
	4.57 m	IVURDM-QD-815RA				
	9.14 m	IVURDM-QD-830RA				
	15.2 m	IVURDM-QD-850RA				

## 8-Pin Threaded M12/Euro-Style QD to RD Cordsets

**Cable:** Euro: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 RD: Nylon (polyamide)/PUR (polyurethane) RD connector  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60 V ac/75 V dc, 2.0 A  
**Temperature:** 0° to +55° C **Environmental Rating:** IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
RD/ Male Straight	0.31 m	DELPE-81D	6.00 mm		  1 = Brown 5 = Black 2 = Or/Bk 6 = Blue 3 = Orange 7 = Gn/Ye 4 = White 8 = Violet	• EZ-SCREEN LP w/RD (14 & 25 mm Resolution)  NOTE: Requires QDE-8...D, DEE2R-8..D, CSB-M128... or other M12/Euro QD cordset
	0.91 m	DELPE-83D				
	2.44 m	DELPE-88D				
	4.57 m	DELPE-815D				
	7.62 m	DELPE-825D				
	15.2 m	DELPE-850D				
	22.9 m	DELPE-875D				
	30.5 m	DELPE-8100D				

\* Standard cordsets are yellow PVC with black overmold. For black PVC cable and overmold, add suffix **B** to model number (example, DELPE-81DB).

## 8-Pin Threaded M12/Euro-Style QD to RD Cordsets

**Cable:** Euro: PVC jacket, PVC connector body, nickel-plated brass coupling nut  
 RD: Nylon (polyamide)/PUR (polyurethane) RD connector  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60 V ac/75 V dc, 2.0 A  
**Temperature:** 0° to +55° C **Environmental Rating:** IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
RD/ Female Straight	0.31 m	DELPEF-81D	6.00 mm		  1 = Brown 5 = Black 2 = Or/Bk 6 = Blue 3 = Orange 7 = Gn/Ye 4 = White 8 = Violet	• EZ-SCREEN LP (Cascade) w/RD (14 & 25 mm); requires QDE2R4-8...D cordset or connection of E-Stop or other hard/relay contact; for connection to DEE2R-8..D or to EZ-SCREEN LP w/8-pin QD
	0.91 m	DELPEF-83D				
	2.44 m	DELPEF-88D				
	4.57 m	DELPEF-815D				